

CLAIMS

1. A printer which processes print transmitting data, comprising:
  - a print transmitting data receiver which receives the print transmitting data;
  - a first printer position acquisition which acquires printer position information to specify a place where the printer is installed when the print transmitting data receiver has received the print transmitting data, this printer position information being regarded as first printer position information;
  - a judgment section which judges whether the print transmitting data matches the first printer position information; and
  - a print executor which executes a print operation based on the print transmitting data when the judgment section judges that the print transmitting data matches the first printer position information and restricts the print operation based on the print transmitting data when the judgment section judges that the print transmitting data does not match the first printer position information.
2. The printer according to claim 1, wherein the print executor does not execute the print operation based on the print transmitting data when the judgment section judges that the print transmitting data does not match the first printer position information.
3. The printer according to claim 2, further comprising:
  - a position information acquisition request receiver which receives a position information acquisition request transmitted from a print client;
  - a second printer position acquisition which acquires printer position information to specify a place where the printer is installed when the position information acquisition request receiver has received the position information acquisition request, this printer position information being regarded as second printer position information; and
  - a printer position information transmitter which transmits the second printer position information to the print client which has transmitted the position information acquisition request.

4. The printer according to claim 3, wherein  
the print transmitting data received by the print transmitting data receiver contains the second printer position information, and  
the judgment section judges whether the second printer position information contained in the print transmitting data and the first printer position information acquired by the first printer position acquisition coincide, judges that the print transmitting data matches the first printer position information when the two pieces of the printer position information coincide, and judges that the print transmitting data does not match the first printer position information when the two pieces of the printer position information do not coincide.
5. The printer according to claim 3, wherein  
the print transmitting data received by the print transmitting data receiver contains the second printer position information, and  
the judgment section judges whether a difference between the second printer position information contained in the print transmitting data and the first printer position information acquired by the first printer position acquisition is within a predetermined range, judges that the print transmitting data matches the first printer position information when the difference between the two pieces of the printer position information is within the predetermined range, and judges that the print transmitting data does not match the first printer position information when the difference between the two pieces of the printer position information is not within the predetermined range.
6. The printer according to claim 3, further comprising:  
an authentication information receiver which receives authentication information from the print client; and  
an authentication information judgment section which judges whether the authentication information received by the authentication information receiver coincides with previously registered authentication information, wherein  
the printer position information transmitter transmits the second printer position information to the print client only when the two pieces of the authentication information coincide in the authentication information

judgment section.

7. The printer according to claim 2, further comprising:

- a public key acquisition request receiver which receives a public key acquisition request transmitted from a print client;

- a second printer position acquisition which acquires printer position information on the printer when the public key acquisition request receiver has received the public key acquisition request, this printer position information being regarded as second printer position information;

- a public key generator which generates a public key with a first passphrase containing at least the second printer position information;
- and

- a public key transmitter which transmits the public key generated by the public key generator to the print client which has transmitted the public key acquisition request.

8. The printer according to claim 7, wherein the judgment section generates a private key with a second passphrase containing at least the first printer position information acquired by the first printer position acquisition, judges that the print transmitting data matches the first printer position information when the print transmitting data has been decrypted with the private key, and judges that the print transmitting data does not match the first printer position information when the print transmitting data has not been decrypted with the private key.

9. The printer according to claim 8, further comprising:

- an authentication information receiver which receives authentication information from the print client; and

- an authentication information judgment section which judges whether the authentication information received by the authentication information receiver coincides with previously registered authentication information, wherein

- the public key transmitter transmits the public key to the print client only when the two pieces of the authentication information coincide in the authentication information judgment section.

10. The printer according to claim 9, further comprising:

a device-specific information acquisition which acquires device-specific information which is information specific to the printer, wherein

the second passphrase used in the judgment section contains at least the first printer position information and the device-specific information, and

the first passphrase used in the public key generator contains at least the second printer position information and the device-specific information.

11. The printer according to claim 1, wherein when acquiring the printer position information, the first printer position acquisition acquires the printer position information from one position detector capable of position detection out of plural position detectors.

12. A control method of a printer which processes print transmitting data, comprising the steps of:

receiving the print transmitting data;

acquiring printer position information to specify a place where the printer is installed when the print transmitting data has been received, and regarding this printer position information as first printer position information;

judging whether the print transmitting data matches the first printer position information;

executing a print operation based on the print transmitting data when it is judged that the print transmitting data matches the first printer position information; and

restricting the print operation based on the print transmitting data when it is judged that the print transmitting data does not match the first printer position information.

13. The control method of the printer according to claim 12, wherein in the step of restricting the print operation, the print operation based on the print transmitting data is not executed when it is judged that the print

transmitting data does not match the first printer position information.

14. The control method of the printer according to claim 13, further comprising the steps of:

receiving a position information acquisition request transmitted from a print client;

acquiring printer position information to specify a place where the printer is installed when the position information acquisition request has been received and regarding this printer position information as second printer position information; and

transmitting the second printer position information to the print client which has transmitted the position information acquisition request.

15. The control method of the printer according to claim 14, wherein the received print transmitting data contains the second printer position information, and

in the step of judging whether the print transmitting data matches the first printer position information, it is judged whether the second printer position information contained in the print transmitting data and the first printer position information coincide, it is judged that the print transmitting data matches the first printer position information when the two pieces of the printer position information coincide, and it is judged that the print transmitting data does not match the first printer position information when the two pieces of the printer position information do not coincide.

16. The control method of the printer according to claim 14, wherein the received print transmitting data contains the second printer position information, and

in the step of judging whether the print transmitting data matches the first printer position information, it is judged whether a difference between the second printer position information contained in the print transmitting data and the first printer position information is within a predetermined range, it is judged that the print transmitting data matches the first printer position information when the difference between the two pieces of the printer position information is within the predetermined

range, and it is judged that the print transmitting data does not match the first printer position information when the difference between the two pieces of the printer position information is not within the predetermined range.

17. The control method of the printer according to claim 14, further comprising the steps of:

- receiving authentication information from the print client; and
- judging whether the received authentication information coincides with previously registered authentication information, wherein

- in the step of transmitting the second printer position information, the second printer position information is transmitted to the print client only when the two pieces of the authentication information coincide.

18. The control method of the printer according to claim 13, further comprising the steps of:

- receiving a public key acquisition request transmitted from a print client;

- acquiring printer position information on the printer when the public key acquisition request has been received and regarding this printer position information as second printer position information;

- generating a public key with a first passphrase containing at least the second printer position information; and

- transmitting the public key to the print client which has transmitted the public key acquisition request.

19. The control method of the printer according to claim 18, wherein in the step of judging whether the print transmitting data matches the first printer position information, a private key is generated with a second passphrase containing at least the first printer position information, it is judged that the print transmitting data matches the first printer position information when the print transmitting data has been decrypted with the private key, and it is judged that the print transmitting data does not match the first printer position information when the print transmitting data has not been decrypted with the private key.

20. The control method of the printer according to claim 19, further comprising the steps of:

- receiving authentication information from the print client; and
- judging whether the received authentication information coincides with previously registered authentication information, wherein
- in the step of transmitting the public key, the public key is transmitted to the print client only when the two pieces of the authentication information coincide.

21. The control method of the printer according to claim 20, further comprising the step of:

- acquiring device-specific information which is information specific to the printer, wherein
- the second passphrase contains at least the first printer position information and the device-specific information, and
- the first passphrase contains at least the second printer position information and the device-specific information.

22. The control method of the printer according to claim 12, wherein in the step of acquiring the printer position information, the printer position information is acquired from one position detector capable of position detection out of plural position detectors.

23. A print system including at least one printer and at least one print client connected to the printer via a network, wherein

- the print client comprises:
  - a printer position information holder which holds first printer position information which is printer position information to specify a place where the printer is installed;
  - a printer position information reader which reads the first printer position information from the printer position information holder;
  - a print transmitting data generator which generates print transmitting data by adding the first printer position information read by the printer position information reader to print data; and
  - a print transmitting data transmitter which transmits the print transmitting data generated by the print transmitting data generator to

the printer via the network, and

the printer comprises:

a print transmitting data receiver which receives the print transmitting data transmitted by the print client;

a first printer position acquisition which acquires second printer position information which is printer position information to specify a place where the printer is installed when the print transmitting data has been received; and

a print executor which judges whether the first printer position information contained in the print transmitting data and the second printer position information acquired by the first printer position acquisition match, executes a print operation based on the print transmitting data when the two pieces of the printer position information match, and restricts the print operation based on the print transmitting data when the two pieces of the printer position information do not match.

24. The print system according to claim 23, wherein the print executor does not execute the print operation based on the print transmitting data when the first printer position information contained in the print transmitting data and the second printer position information acquired by the first printer position acquisition do not match.

25. The print system according to claim 24, wherein, even if the first printer position information contained in the print transmitting data and the second printer position information acquired by the first printer position acquisition do not coincide, the print executor judges that the first printer position information and the second printer position information match when a difference between the two pieces of the printer position information is within a predetermined range.

26. The print system according to claim 24, wherein

the print client further comprises a position information acquisition request transmitter which transmits a position information acquisition request to the printer in order to acquire the first printer position information from the printer, and



the printer further comprises:

a position information acquisition request receiver which receives the position information acquisition request transmitted from the print client;

a second printer position acquisition which acquires printer position information to specify a place where the printer is installed when the position information acquisition request receiver has received the position information acquisition request, this printer position information being regarded as the first printer position information; and

a printer position information transmitter which transmits the first printer position information acquired by the second printer position acquisition to the print client which has transmitted the position information acquisition request.

27. The print system according to claim 26, wherein

the print client further comprises an authentication information transmitter which transmits authentication information to the printer when trying to acquire the first printer position information from the printer, and

the printer further comprises:

an authentication information receiver which receives the authentication information transmitted from the print client; and

an authentication information judgment section which judges whether the authentication information received by the authentication information receiver coincides with authentication information which is previously registered with the printer, and

the printer position information transmitter transmits the first printer position information to the print client only when the two pieces of the authentication information coincide in the authentication information judgment section.

28. The print system according to claim 23, wherein when acquiring the printer position information, the first printer position acquisition acquires the printer position information from one position detector capable of position detection out of plural position detectors.

29. A print system including at least one printer and at least one print

client connected to the printer via a network, wherein

the print client comprises:

a public key holder which holds a public key for encryption acquired from the printer;

a public key reader which reads the public key from the public key holder;

a print transmitting data generator which encrypts print data with the public key read by the public key reader to generate print transmitting data; and

a print transmitting data transmitter which transmits the print transmitting data generated by the print transmitting data generator to the printer via the network, and

the printer comprises:

a print transmitting data receiver which receives the print transmitting data transmitted by the print client;

a first printer position acquisition which acquires printer position information to specify a place where the printer is installed when the print transmitting data has been received, this printer position information being regarded as first printer position information; and

a print executor which generates a private key with a first passphrase containing at least the first printer position information acquired by the first printer position acquisition, executes a print operation based on the print transmitting data when the print transmitting data has been decrypted with the private key, and does not execute the print operation based on the print transmitting data when the print transmitting data has not been decrypted with the private key.

30. The print system according to claim 29, wherein

the print client further comprises a public key acquisition request transmitter which transmits a public key acquisition request to the printer in order to acquire a public key from the printer, and

the printer further comprises:

a public key acquisition request receiver which receives the public key acquisition request transmitted from the print client;

a second printer position acquisition which acquires printer position information when the public key acquisition request receiver has

received the public key acquisition request, this printer position information being regarded as second printer position information;

a public key generator which generates a public key with a second passphrase containing at least the second printer position information acquired by the second printer position acquisition; and

a public key transmitter which transmits the public key generated by the public key generator to the print client which has transmitted the public key acquisition request.

31. The print system according to claim 30, wherein

the print client further comprises an authentication information transmitter which transmits authentication information to the printer when trying to acquire the public key from the printer,

the printer further comprises:

an authentication information receiver which receives the authentication information transmitted from the print client; and

an authentication information judgment section which judges whether the authentication information received by the authentication information receiver coincides with authentication information which is previously registered with the printer, and

the public key transmitter transmits the public key to the print client only when the two pieces of the authentication information coincide in the authentication information judgment section.

32. The print system according to claim 31, wherein

the printer further comprises a device-specific information acquisition which acquires device-specific information which is information specific to the printer,

the first passphrase contains at least the first printer position information and the device-specific information, and

the second passphrase contains at least the second printer position information and the device-specific information.

33. The print system according to claim 29, wherein when acquiring the printer position information, the first printer position acquisition acquires the printer position information from one position detector

capable of position detection out of plural position detectors.

34. A control method of a print system including at least one printer and at least one print client connected to the printer via a network, comprising the steps of:

- reading first printer position information from a printer position information holder, which holds the first printer position information which is printer position information to specify a place where the printer is installed, in the print client;

- generating print transmitting data by adding the read first printer position information to print data;

- transmitting the generated print transmitting data from the print client to the printer via the network;

- receiving the print transmitting data transmitted by the print client in the printer;

- acquiring second printer position information which is printer position information to specify a place where the printer is installed when the print transmitting data has been received;

- judging whether the first printer position information contained in the print transmitting data and the acquired second printer position information match;

- executing a print operation based on the print transmitting data when it is judged that the print transmitting data matches the first printer position information; and

- restricting the print operation based on the print transmitting data when it is judged that the print transmitting data does not match the first printer position information.

35. The control method of the print system according to claim 34, wherein in the step of restricting the print operation, the print operation based on the print transmitting data is not executed when the first printer position information contained in the print transmitting data and the acquired second printer position information do not match.

36. The control method of the print system according to claim 35, wherein in the step of judging whether the two pieces of the printer

position information match, even if the first printer position information contained in the print transmitting data and the acquired second printer position information do not coincide, it is judged that the first printer position information and the second printer position information match when a difference between the two pieces of the printer position information is within a predetermined range.

37. The control method of the print system according to claim 35, further comprising the steps of:

- transmitting a position information acquisition request from the print client to the printer in order to acquire the first printer position information from the printer;

- receiving the position information acquisition request transmitted from the print client in the printer;

- acquiring printer position information to specify a place where the printer is installed when the position information acquisition request has been received, this printer position information being regarded as the first printer position information; and

- transmitting the first printer position information to the print client which has transmitted the position information acquisition request.

38. The control method of the print system according to claim 37, further comprising the steps of:

- transmitting authentication information from the print client to the printer when the first printer position information is tried to be acquired from the printer,

- receiving the authentication information transmitted from the print client in the printer; and

- judging whether the received authentication information coincides with authentication information which is previously registered with the printer, wherein

- in the step of transmitting the printer position information, the first printer position information is transmitted to the print client only when the two pieces of the authentication information coincide.

39. The control method of the print system according to claim 34,

wherein when the printer position information is acquired, the printer position information is acquired from one position detector capable of position detection out of plural position detectors.

40. A control method of a print system including at least one printer and at least one print client connected to the printer via a network, comprising the steps of:

- reading a public key from a public key holder, which holds the public key for encryption acquired from the printer, in the print client;

- encrypting print data with the read public key to generate print transmitting data;

- transmitting the generated print transmitting data to the printer via the network;

- receiving the print transmitting data transmitted by the print client in the printer;

- acquiring printer position information to specify a place where the printer is installed when the print transmitting data has been received and regarding this printer position information as first printer position information; and

- generating a private key with a first passphrase containing at least the first printer position information, executing a print operation based on the print transmitting data when the print transmitting data has been decrypted with the private key, and not executing the print operation based on the print transmitting data when the print transmitting data has not been decrypted with the private key.

41. The control method of the print system according to claim 40, further comprising the steps of:

- transmitting a public key acquisition request from the print client to the printer in order to acquire a public key from the printer;

- receiving the public key acquisition request transmitted from the print client in the printer;

- acquiring printer position information when the public key acquisition request has been received and regarding this printer position information as second printer position information;

- generating a public key with a second passphrase containing at

least the second printer position information; and

transmitting the public key to the print client which has transmitted the public key acquisition request.

42. The control method of the print system according to claim 41, further comprising the steps of:

transmitting authentication information from the print client to the printer when the public key is tried to be acquired from the printer;

receiving the authentication information transmitted from the print client in the printer; and

judging whether the received authentication information coincides with authentication information which is previously registered with the printer, wherein

in the step of transmitting the public key, the public key is transmitted to the print client only when the two pieces of the authentication information coincide.

43. The control method of the print system according to claim 42, further comprising the step of acquiring device-specific information which is information specific to the printer in the printer, wherein

the first passphrase contains at least the first printer position information and the device-specific information, and

the second passphrase contains at least the second printer position information and the device-specific information.

44. The control method of the print system according to claim 40, wherein when the printer position information is acquired, the printer position information is acquired from one position detector capable of position detection out of plural position detectors.

45. A printer which processes print transmitting data, comprising:

a print transmitting data receiver which receives the print transmitting data;

a printer position acquisition which acquires printer position information to specify a place where the printer is installed when the print transmitting data receiver has received the print transmitting data;

a private key generator which generates a private key with a passphrase containing at least the printer position information; and

a print executor which decrypts the print transmitting data received by the print transmitting data receiver with the private key and executes a print operation based on print data obtained by the decryption.

46. A data receiving device which processes data, comprising:

a data receiver which receives transmitted data;

a device position acquisition which acquires device position information to specify a place where the data receiving device is installed;

a judgment section which judges whether the data matches the device position information acquired by the device position acquisition; and

a processing section which executes a process based on the data when the judgment section judges that the data matches the device position information and restricts the process based on the data when the judgment section judges that the data does not match the device position information.

47. A data transmitting and receiving system including at least one data receiving device and at least one data transmitting device connected to the data receiving device via a network, wherein

the data transmitting device comprises:

a device position information holder which holds first device position information to specify a place where the device receiving device is installed;

a device position information reader which reads the first device position information from the device position information holder;

a transmitting data generator which generates transmitting data by adding the first device position information read by the device position information reader to data; and

a transmitting data transmitter which transmits the transmitting data generated by the transmitting data generator to the data receiving device via the network, and



the data receiving device comprises:

- a transmitting data receiver which receives the transmitting data transmitted by the data transmitting device;

- a device position acquisition which acquires second device position information to specify a place where the data receiving device is installed when the transmitting data has been received; and

- a process executor which judges whether the first device position information contained in the transmitting data and the second device position information acquired by the device position acquisition coincide, executes a process based on the transmitting data when the two pieces of the device position information coincide, and restricts the process based on the transmitting data when the two pieces of the device position information do not coincide.

48. A data transmitting and receiving system including at least one data receiving device and at least one data transmitting device connected to the data receiving device via a network, wherein

the data transmitting device comprises:

- a public key holder which holds a public key for encryption acquired from the transmitting device;

- a public key reader which reads the public key from the public key holder;

- a transmitting data generator which encrypts data with the public key read by the public key reader to generate transmitting data; and

- a transmitting data transmitter which transmits the transmitting data generated by the transmitting data generator to the data receiving device via the network; and

the data receiving device comprises:

- a transmitting data receiver which receives the transmitting data transmitted by the data transmitting device;

- a device position acquisition which acquires device position information to specify a place where the data receiving device is installed when the transmitting data has been received; and

- a process executor which generates a private key with a passphrase containing at least the device position information acquired by the device position acquisition, executes a process based on the

transmitting data when the transmitting data has been decrypted with the private key, and does not execute the process based on the transmitting data when the transmitting data has not been decrypted with the private key.

49. A server which processes print transmitting data, comprising:  
a print transmitting data receiver which receives the print transmitting data;

a first server position acquisition which acquires server position information to specify a place where the server is installed, this server position information being regarded as first server position information;

a judgment section which judges whether the print transmitting data matches the first server position information acquired by the first server position acquisition; and

a selective spooling section which spools the print transmitting data when the judgment section judges that the print transmitting data matches the first server position information and does not spool the print transmitting data when the judgment section judges that the print transmitting data does not match the first server position information.

50. A server which processes print transmitting data, comprising:  
a print transmitting data receiver which receives the print transmitting data;

a first server position acquisition which acquires server position information to specify a place where the server is installed, this server position information being regarded as first server position information;

a judgment section which judges whether the print transmitting data matches the first server position information acquired by the first server position acquisition; and

a transfer section which transfers print data obtained from the print transmitting data to a printer when the judgment section judges that the print transmitting data matches the first server position information and does not transfer the print data to the printer when the judgment section judges that the print transmitting data does not match the first server position information.

51. A print system including at least one printer, at least one server connected to the printer, and at least one print client connected to the server via a network, wherein

the print client comprises:

a public key holder which holds a public key for encryption of the printer acquired from the server;

a public key reader which reads the public key of the printer by which a print operation is to be executed from the public key holder;

a print transmitting data generator which encrypts print data with the public key read by the public key reader to generate print transmitting data; and

a print transmitting data transmitter which transmits the print transmitting data generated by the print transmitting data generator to the server via the network, and

the server comprises:

a print transmitting data receiver which receives the print transmitting data transmitted by the print client;

a first server position acquisition which acquires server position information to specify a place where the server is installed when the print transmitting data has been received, this server position information being regarded as first server position information; and

a selective spooling section which generates a private key with a first passphrase containing at least the first server position information acquired by the first server position acquisition, spools the print data obtained by decrypting the print transmitting data when the print transmitting data has been decrypted with the private key, and does not spool the print data when the print transmitting data has not been decrypted with the private key.

52. A print system including at least one printer, at least one server connected to the printer, and at least one print client connected to the server via a network, wherein

the print client comprises:

a public key holder which holds a public key for encryption of the server acquired from the server;

a public key reader which reads the public key of the server from

the public key holder;

a print transmitting data generator which encrypts print data with the public key read by the public key reader to generate print transmitting data; and

a print transmitting data transmitter which transmits the print transmitting data generated by the print transmitting data generator to the server via the network, and

the server comprises:

a print transmitting data receiver which receives the print transmitting data transmitted by the print client;

a first server position acquisition which acquires server position information to specify a place where the server is installed at a point in time when the print transmitting data has been received, this server position information being regarded as first server position information; and

a selective spooling section which generates a private key with a first passphrase containing at least the first server position information acquired by the first server position acquisition, spools the print data obtained by decrypting the print transmitting data when the print transmitting data has been decrypted with the private key, and does not spool the print data when the print transmitting data has not been decrypted with the private key.

53. A printer which processes print transmitting data, comprising:

a print transmitting data receiver which receives the print transmitting data;

a first printer position acquisition which acquires printer position information to specify an installation place from an external device provided outside the printer, this printer position information being regarded as first printer position information;

a judgment section which judges whether the print transmitting data matches the first printer position information acquired by the first printer position acquisition; and

a print executor which executes a print operation based on the print transmitting data when the judgment section judges that the print transmitting data matches the printer position information and restricts

the print operation based on the print transmitting data when the judgment section judges that the print transmitting data does not match the printer position information.

54. A server which processes transmitting data, comprising:  
 a transmitting data receiver which receives the transmitting data;  
 a first server position acquisition which acquires server position information to specify a place where the server is installed, this server position information being regarded as first server position information;  
 a judgment section which judges whether the transmitting data matches the first server position information acquired by the first server position acquisition; and  
 a selective spooling section which spools the transmitting data when the judgment section judges that the transmitting data matches the first server position information and does not spool the transmitting data when the judgment section judges that the print transmitting data does not match the first server position information.

55. A server which processes transmitting data, comprising:  
 a transmitting data receiver which receives the transmitting data;  
 a first server position acquisition which acquires server position information to specify a place where the server is installed, this server position information being regarded as first server position information;  
 a judgment section which judges whether the transmitting data matches the first server position information acquired by the first server position acquisition; and  
 a transfer section which transfers data obtained from the transmitting data to a data receiving device when the judgment section judges that the transmitting data matches the first server position information and does not transfer the data to the data receiving device when the judgment section judges that the transmitting data does not match the first server position information.

56. A data transmitting and receiving system including at least one data receiving device, at least one server connected to the data receiving device, and at least one data transmitting device connected to

the server via a network, wherein

the data transmitting device comprises:

a public key holder which holds a public key for encryption of the data receiving device acquired from the server;

a public key reader which reads the public key of the data receiving device to which a process request is to be given from the public key holder;

a transmitting data generator which encrypts process data with the public key read by the public key reader to generate transmitting data; and

a transmitting data transmitter which transmits the transmitting data generated by the transmitting data generator to the server via the network, and

the server comprises:

a transmitting data receiver which receives the transmitting data transmitted by the data transmitting device;

a first server position acquisition which acquires server position information to specify a place where the server is installed at a point in time when the transmitting data has been received, this server position information being regarded as first server position information; and

a selective spooling section which generates a private key with a first passphrase containing at least the first server position information acquired by the first server position acquisition, spools the process data obtained by decrypting the transmitting data when the transmitting data has been decrypted with the private key, and does not spool the process data when the transmitting data has not been decrypted with the private key.

57. A data transmitting and receiving system including at least one data receiving device, at least one server connected to the data receiving device, and at least one data transmitting device connected to the server via a network, wherein

the data transmitting device comprises:

a public key holder which holds a public key for encryption of the server acquired from the server;

a public key reader which reads the public key of the server from

the public key holder;

a transmitting data generator which encrypts process data with the public key read by the public key reader to generate transmitting data; and

a transmitting data transmitter which transmits the transmitting data generated by the transmitting data generator to the server via the network, and

the server comprises:

a transmitting data receiver which receives the transmitting data transmitted by the data transmitting device;

a first server position acquisition which acquires server position information to specify a place where the server is installed when the transmitting data has been received, this server position information being regarded as first server position information; and

a selective spooling section which generates a private key with a first passphrase containing at least the first server position information acquired by the first server position acquisition, spools the process data obtained by decrypting the transmitting data when the transmitting data has been decrypted with the private key, and does not spool the process data when the transmitting data has not been decrypted with the private key.